

411 ASPHALTIC CONCRETE FRICTION COURSE (MISCELLANEOUS)

Miscellaneous asphaltic concrete friction course does not require that a formal mix design be developed. The project may involve small quantities or specialized work involving the asphaltic concrete friction course. The Contractor may elect to use a commercial source or any source approved by the Resident Engineer to produce the aggregates. The Engineer will specify the content of asphalt cement and ensure that the mix produced is acceptable. See Subsection 407 of this manual for recommended methods and inspection checkpoint items. For instance, 407 specifies that the temperature of the mix discharged at the plant cannot exceed 240°F. Although this is not specified in 411 it is a useful guideline for the Inspector to be able to help identify problems if necessary.

411-3 Construction Requirements

Temperature just prior to compaction must be at least 200°F. The surface temperature must be 85°F or higher in order to pave. This is because ACFC is placed in thin lifts and is also very porous. It will cool very fast.

The paver is required to have automatic screed controls and paving must be stopped if the system does not function properly.

The contractor is not required to submit a daily pyrometer record.